



INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICA OFFICE
Sixth Meeting of the Central Atlantic FIR Satellite Network (CAFSAT)
Management Committee (CNMC/6)
(Lisbon, Portugal, 6-7 June 2016)

Agenda Item 1: Follow up on CNMC/5 Conclusions and Decisions

(Presented by the secretariat)

SUMMARY

The purpose of this paper is to inform the meeting on the status of implementation of the conclusions and Decisions of CNMC 5th meeting held in Abidjan, Cote d'Ivoire from 1 to 2 June 2015.

Reference: Report on CNMC/5 Meeting

Related ICAO Strategic Objectives: **A: Safety; B: Air Navigation Capacity and Efficiency**

Related ASBU Bloc 0 Modules, Performance Improvement Aerials and Applications:
B0-FRTO/PIA3-PBN En Route Trajectories; B0-FICE/PIA2-AIDC; B0-DATM/PIA2-AIM; B0-TBO/PIA4-Datalink; B0-AMET/PIA2-MET

Action by the meeting in paragraph 3

1. Introduction

The Working Paper presents the status of implementation of the Conclusions and Decisions adopted by the CNMC/5th Meeting held in Abidjan, Cote d'Ivoire from 1 to 2 June 2015.

Follow-up actions indicated in the table have been established according to information available at the secretariat.

2. Discussion

2.1 The 5th meeting of CNMC (CNMC/5) deliberated on nine (09) agenda items and formulated eleven (11) Conclusions and three (03) Decisions.

2.2 The secretariat developed the final report that was posted at:

<http://www.icao.int/WACAF/Pages/meetings.aspx>.

Since then, many actions have been undertaken by CNMC States/Organizations and the secretariat for the implementation of these conclusions and decisions.

3. Action Required

The meeting is invited to:

- a) Review and up-date the status of implementation of CNMC/5 Conclusions and Decisions as attached in **Appendix** to this paper.
- b) Agree on any other follow-up action thereon.

Appendix

Status of Conclusions related to CNMC/5 Meeting

Title	Status Implementation	Remarks
<p><u>Agenda Item 1:</u> Review of the status of implementation of the Conclusion/Decision of the fourth meeting of CNMC (CNMC/4)</p> <p>Conclusion 5/01: Implementation of CNMC/4 outstanding Conclusions and Decisions</p> <p>That:</p> <p>CNMC Administrations/Organizations endeavor to implement the outstanding Conclusions/Decisions of the fourth meeting of CNMC</p>	<p>Partially implemented</p>	<p>ANSPs to report</p>
<p>Decision 5/02: Automation of CAFSAT PDCF</p> <p>That:</p> <p>a) CNMC Administrations/Organizations are invited to use the use the software Inseye provided in the CAFSAT Management and Control (M&C) implemented by ISDEFE.</p> <p>b) Brazil continue to contact ISDEFE on this issue, assess the cost of the upgrade of ISDEFE software Inseye into the PDCF format and share with States/Organizations</p>	<p>Still valid</p>	<p>DECEA asked unsuccessfully the AICOX commercial proposals for the automation of the performance reports (PDCF) from the existing ISDEFE CAFSAT M&C software data</p>
<p>Agenda item 2: Review of the performance of CAFSAT earth stations and operational statistics of availability</p> <p>Conclusion 5/03: Restoration of the Nouakchott Casablanca ATS/DS circuit</p> <p>That:</p> <p>As a matter of urgency ASECNA and ONDA implement the current arrangement to expedite the restoration of the Nouakchott/Casablanca AFS circuit no later than 31 July 2015.</p>	<p>Still valid</p>	<p>ASECNA and ONDA to report</p>

<p>Decision 5/04: Assessment of CAFSAT AFS performance through the Performance Data Collection Forms (PDCF)</p> <p>That:</p> <ul style="list-style-type: none"> a) States/organizations take the example of Portugal and fill the PDCF document for reporting to the current CNMC coordinator with copy to the Secretariat; b) The ICAO Regional Offices of Dakar and Lima coordinate to centralize the filled PDCF for a comprehensive assessment of the statistics on CAFSAT performance 	<p>Still valid</p>	<p>Except Portugal no data received in the format</p>
<p>Agenda Item 3: Implementation of recommendations 6/19 of Special AFIRAN meeting</p> <p>Conclusion 5/05: Participation of CNMC members to the Regional coordination Meeting on VSATs Networks</p> <p>That:</p> <p>In order to harmonize the best practices for the implementation, operation and modernization of the network, CAFSAT States/Organizations endeavor to actively attend the Regional coordination Meeting on VSATs Networks and implement their outcome.</p>	<p>Partially implemented</p>	<p>Some of CNMC members are members of neighboring aeronautical satellite Networks (AFISNET, NAFISAT, SADC/2) and therefore attend their management meetings</p>
<p>Agenda item 4: Interconnection and interoperability of CAFSAT with its neighboring networks</p> <p>Conclusion 5/06: Implementation of AFS involving Dakar, Cayenne, Piarco, Recife and Santa Maria ACCs</p> <p>That:</p> <p>The concerned ANSPs continue their collaboration in order to implement the AFS circuits no later than 31 December 2015 in particular:</p> <ul style="list-style-type: none"> a) ASECNA French Guyana and Trinidad & Tobago complete the ongoing deployment of the AFISNET nodes in Cayenne and Piarco; b) ASECNA and DECEA finalize their agreement aiming to implementing the AFISNET node in Recife to clear out the ATS/DS deficiency between Abidjan and Atlántico ; c) Portugal ASECNA and Trinidad Tobago explore the cost effective way to establish the Piarco Santa Maria ATS/DS circuit; d) ICAO continue to assist and facilitate the bilateral arrangements for the interconnection of the Networks 	<p>Partially implemented</p>	<p>ANSPs to report</p>

<p>Conclusion 5/07: Communication Requirement between Piarco, and Santa Maria That;</p> <p>That:</p> <p>In order to ensure a sustainable ATS/DS circuit(s) between ATCs Santa Maria Fir (Portugal), and Piarco Fir (Trinidad & Tobago);</p> <p>a) Concerned Organizations envisage the establishment of direct links based on the existing satellite VSAT networks (AFISNET and CAFSAT) and conduct case by case technical analysis taking into consideration the cost effectiveness of the possible solutions.</p> <p>b) SAT Secretariat to coordinate technical meetings (teleconferences and e-meetings) for collaborative decision making.</p>	<p>Still valid</p>	<p>ANSPs to report</p>
<p>Agenda item 5: ICAO Position for ITU WRC-15 and preparation on issues pertaining to VSATs Networks</p> <p>Conclusion 5/08: Support to ICAO Position for WRC-15</p> <p>That:</p> <p>States /Administrations support ICAO position for WRC-15 by:</p> <p>a) Coordinating the national spectrum requirements for civil aviation for consideration by the national preparatory meetings conducted by the national Authority of Regulation of Telecommunication;</p> <p>b) Participating in national and regional preparatory meetings for WRC-15;</p> <p>c) Ensuring the presence of Civil Aviation personnel in the national delegation for ITU WRC-15 scheduled to take place in Geneva (02-27 November 3015)</p>	<p>To be considered for next WRC(-19</p>	<p>ANSPs to report on their activities before and during WRC-15</p>
<p>Conclusion 5/09: Protection of the C Band operated by Aeronautical VSAT Networks</p> <p>That:</p> <p>CNMC Administrations/Organizations take the appropriate measures to:</p> <p>a) populate among the civil aviation community the draft revised Resolution 154 (WRC-12) adopted by the ITU-R Conference preparatory Meeting (CPM) in order to ensure its best understanding by stake holders;</p> <p>b) strengthen/defend the current draft test and obtain national consensus in the national level;</p>	<p>Still valid in consideration of the revised Resolution WRC 1547</p>	

<p>Agenda Item 6: CAFSAT modernization and re-engineering</p> <p>Conclusion 5/10: Completion of phase 1 of the CAFSAT modernization and re-engineering</p> <p>That:</p> <p>States/Administration who have not yet done so endeavor to carry out the completion of phase 1 of the CAFSAT modernization and re-engineering in particular Argentina and South Africa to provide to the coordinator (Portugal) the relevant information for the update of the follow up table</p>	<p>Still valid</p>	<p>ANSPs to report</p>
<p>Conclusion 5/11: Future phase of the CAFSAT modernization and re-engineering</p> <p>That:</p> <p>a) States/Organizations that have not done so, forward to Portugal (Team Leader for the CAFSAT re-engineering and modernization) no later than 31 August 2015, their nominated focal points.</p> <p>b) States/Organizations forward to Portugal their contributions to the study.</p>	<p>Still valid</p>	<p>CNMC to make a Decision</p>
<p>Conclusion 5/12: Implementation of the Luanda CAFSAT Station</p> <p>That:</p> <p>ENANA endeavor to expedite the implementation and operation of the Luanda CAFSAT node in order to establish the ATS/DS circuit between Luanda and Recife no later than 31 July 2015</p>	<p>Still pending</p>	<p>ENANA to report</p>
<p><u>Agenda Item 7:</u> Review of the Terms of Reference and Work Programme of CNMC</p> <p>Decision 5/13: Adoption of the Terms of Reference and Work programme of CNMC</p> <p>That:</p> <p>The Terms of Reference and Work Programme of CNMC is adopted as attached at Appendix F</p>	<p>Implemented</p>	